

**EXPLANATION**

Index Number  
Petroleum Company Name  
Well name and number (date logged)  
or measured section location

Altitude, in feet, to top of drill hole or measured section. When estimated, when no altitude - NA  
No record of lithology  
Coal bed, showing estimated thickness in feet based on well log interpretation.  
Rock interval  
Break in rock interval showing thickness in feet not plotted

SS - Hartshorne sandstone formation reference datum - Formation top selected because of proximity of Hartshorne Coals.  
\* - Indicates suite of well logs insufficient to verify coal occurrence.  
CNI (Coal Not Indicated) - Formation Density log indicates absence of a particular coal seam.  
Column shown truncated to TD in deep oil and gas well.  
Total depth from ground level in feet. When TD not recorded - NR

**USGS FILES**  
SW SW Sec. 28  
GL 398 (est.)  
B(0.9)  
UH M(5.5/2.6)  
LH M(4.9/7)  
TD NR

**Index number of composite mine section.**  
coal test hole, or outcrop measured section  
USGS files source indicates non-proprietary information from Tulsa USGS office.  
Bone coal showing thickness in feet  
NR - Coal thickness not recorded  
Coal interbedded with rock, bone, or mixed rock and coal, total coal thickness/rock (including bone) thickness in feet.  
Rock interval, thickness estimated (where lines dashed) as data not available. No record of lithology  
Mixed coal and rock interval thickness (precise coal or rock thickness not reported)

**Index number of line measured section**  
Reference source and date of publication

**KNECHTEL, M. M. (1948)**  
Plate I, Table II  
SE NW Sec. 35  
GL NA  
SE 2.9

Column left open at ends when measured section continues into rock units  
NOTE: Thickness reported to tenths of feet only when resolution of data permitted

**LOCAL COAL BED SYMBOLS**  
L Local (unnamed)  
SE Secor Coal  
UM Upper McAlester  
LM Lower McAlester  
UH Upper Hartshorne  
LH Lower Hartshorne  
H Hartshorne Coal

NOTE: The explanation has been designed to represent all possible combinations of data and does not necessarily represent any particular data set.

